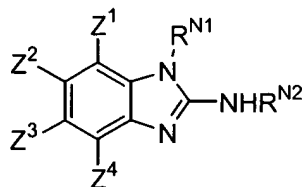


ABSTRACT OF THE INVENTION

Provided are compounds of the formula:



wherein R^{N1} is a substituent of formula $G^1-NX^1X^2$, wherein G^1 is an optionally further substituted alkylene, which optionally forms, together with R^{N2} , a cyclic group, and each of X^1 and X^2 is independently H or an N-substituent, or X^1 and X^2 together form a heterocyclic ring, or X^1 together with G^1 forms a cyclic group and X^2 is H or an N-substituent; and each of Z^1 , Z^2 , Z^3 and Z^4 is H or a substituent, or two of Z^1 , Z^2 , Z^3 and Z^4 together form an optionally substituted ring, and further wherein at least one of Z^1 , Z^2 , Z^3 and Z^4 is other than H, and salts thereof, pharmaceutical compositions and methods of using the compounds. The compounds have antiviral activity.